

EXHIBIT C

WORK AUTHORIZATION

WORK AUTHORIZATION NO. 2

PROJECT: Wilco Bond – CR 458

This Work Authorization is made pursuant to the terms and conditions of the Williamson County Contract for Engineering Services, being dated March 19th, 2024 and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and Lockwood, Andrews & Newnam, Inc (the "Engineer").

Part 1. The Engineer will provide the following Engineering Services set forth in Attachment "B" of this Work Authorization.

Part 2. The maximum amount payable for services under this Work Authorization without modification is **\$713,337.66**.

Part 3. Payment to the Engineer for the services established under this Work Authorization shall be made in accordance with the Contract.

Part 4. This Work Authorization shall become effective on the date of final acceptance and full execution of the parties hereto and shall terminate on August 31st, 2026. The Engineering Services set forth in Attachment "B" of this Work Authorization shall be fully completed on or before said date unless extended by a Supplemental Work Authorization.

Part 5. This Work Authorization does not waive the parties' responsibilities and obligations provided under the Contract.

Part 6. County believes it has sufficient funds currently available and authorized for expenditure to finance the costs of this Work Authorization. Engineer understands and agrees that County's payment of amounts under this Work Authorization is contingent on the County receiving appropriations or other expenditure authority sufficient to allow the County, in the exercise of reasonable administrative discretion, to continue to make payments under this Contract. It is further understood and agreed by Engineer that County shall have the right to terminate this Contract at the end of any County fiscal year if the governing body of County does not appropriate sufficient funds as determined by County's budget for the fiscal year in question. County may effect such termination by giving written notice of termination to Engineer.

Continued next page

Part 7. This Work Authorization is hereby accepted and acknowledged below.

EXECUTED this _____.

ENGINEER:

LAN, Inc

By: Travis Michel
Signature

Travis Michel

Printed Name

Sr. Associate, Team Leader
Title

COUNTY:

Williamson County, Texas

By: _____
Signature

Printed Name

Title

LIST OF ATTACHMENTS

Attachment A - Services to be Provided by County

Attachment B - Services to be Provided by Engineer

Attachment C - Work Schedule

Attachment D - Fee Schedule

APPROVED

By Christen Eschberger at 1:26 pm, Sep 12, 2025

ATTACHMENT A SERVICES TO BE PROVIDED BY THE COUNTY FOR THE CR 458

In general, Williamson County and its representatives to their best efforts will render services as follows:

1. Name, business address and phone number of County's project manager.
2. Assistance to the Engineer, as necessary, with obtaining data and information from other local, regional, State and Federal agencies required for this project.
3. Obtain Rights of Entry from landowners that are unwilling to grant access to the Engineer.
4. Provide available appropriate County data on file, plans and specifications that are deemed pertinent to the completion of the work required by the scope of services (including previous hydraulic studies, models, previous reports and studies, available existing traffic counts, and design year traffic projections).
5. Provide available criteria and full information as to the client's requirements for the project. Provide examples of acceptable format for the required deliverables.
6. Provide timely reviews and decisions necessary for the Engineer to maintain the project work schedule. Review recommendations offered by the Engineer, progress of work, and final acceptance of all documents.
7. Submittal of documentation to regulatory agencies for review and comment, when specified.
8. Support project development efforts with stakeholders, coordinate meetings and interface with stakeholders, as needed.
9. Post and maintain project information for public consumption on the County website.
10. Assist with Coordination between the Engineer and the County's other subconsultants.
11. Negotiate with all utility companies for any agreements and/or relocations required.
12. Provide an agent as necessary to secure proposed ROW.
13. Provide construction observation and review contractor pay applications and progress.

14. Provide Engineer with Contractor submittals, Requests for Information (RFI's), shop drawings, and correspondence.
15. Review Engineer progress, submittals, and plan changes.

ATTACHMENT B
SERVICES TO BE PROVIDED BY THE ENGINEER FOR
CR 458

PROJECT DESCRIPTION

Project Limits

The limits begin at Williamson County Line and continue East for a length of approximately 2.12 miles, until SH 95.

Existing Facility

The existing facility is a 20' wide asphalt roadway with one travel lane in each direction and roadside ditches. The existing ROW is generally 70' wide.

Proposed Facility

Proposed improvements include mill and overlay of the existing road to a two-lane 22 ft in width and 1.23 miles in length, starting at Travis/ Williamson County line, then reconstruct the pavement and widen the following section to a two lanes 12 ft in width each, 4 ft shoulder on each side approximately 0.89 miles in length ending at SH 95. Also, regrade the shoulders for drainage and improve existing culverts in the widening section. The County will coordinate Right of Entry, and drainage easements as needed.

Design Criteria

Project will be designed in accordance with the Williamson County and TxDOT design criteria. TxDOT criteria will only apply to portions of the project within TxDOT ROW, such as the tie-in at SH 95.

1. PROJECT MANAGEMENT

a. COMMUNICATION:

- Engineer shall designate one Licensed Professional Engineer (Texas) to be responsible for the project management during the design phase, and all communications with the County and its representatives.

b. MONTHLY PROGRESS REPORTS, INVOICES, AND BILLINGS 9 months assumed:

- Submit monthly progress status reports to the GEC. Progress reports will include: deliverable table, tasks completed, tasks/objectives that are planned for the upcoming periods, lists or descriptions of items or decisions needed from the County and its representatives. Subconsultant progress will be incorporated into the monthly progress report. A copy of the monthly progress report will be uploaded to ProjectWise.

- Prepare correspondence, invoices, and progress reports on a monthly basis in accordance with current County requirements.
- c. QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PLAN:
- Prepare a project specific QA/QC plan and submit to the County within thirty (30) days of notice to proceed.
 - For each deliverable submittal, provide evidence of their internal review and mark-up of that deliverable as preparation for submittal and in accordance with submitted project specific QA/QC plan.
 - Provide continuous QA/QC throughout the duration of the scheduled services included herein to appraise both technical and business performance and provide direction for project activities.
- d. PROJECT COORDINATION & ADMINISTRATION:
- Prepare and maintain routine project record keeping including records of meetings and minutes.
 - Correspondence and coordination will be handled through & with the concurrence of the GEC.
 - Manage Project activities (including documenting emails, phone and conference calls, maintain project files for the length of the project, meeting agendas, meeting minutes, and schedule meetings), direct Engineer's team/staff, coordinate and review sub-consultant work, correspond with the County and its representatives, and assist the County and its representatives in preparing responses to Project-related inquiries.
- e. PROGRESS/COORDINATION MEETINGS (18 external, 2 in person meetings and 16 virtual meetings & 9 internal meetings assumed):
- Attend a kickoff meeting and coordination/progress meeting with the County and its representatives and stakeholders, as necessary to communicate development of the project and design issues.
 - Prepare agenda and sign-in sheets for external coordination/progress meetings.
 - Prepare meeting minutes for review via email within three (3) business days of the external coordination/progress meeting.
 - Conduct internal coordination meetings as required to advance the development of the project.

f. PROJECT SCHEDULE:

- Maintain a project schedule indicating tasks, subtasks, critical dates, milestones, and deliverables. Update and Submit to County as requested.

g. PROJECT DOCUMENTS/FILES:

- All contract documents, including native files, shall be turned over to the County at each milestone and at the completion of the project or as requested. Documents shall be posted to the County's project management database.

h. DELIVERABLES:

- Monthly Invoices and Progress Reports including Deliverable Table
- Project Specific QA/QC Plan
- Meeting Minutes, Sign-In Sheets, and Agendas
- Project Schedule and Updates
- Project Files
- QA/QC Documentation with Deliverable

2. PUBLIC INVOLVEMENT

a. PUBLIC INVOLVEMENT SUPPORT

- Review the project's Public Involvement plan prepared by others.
- Provide information or data for fact sheets and FAQs.
- Provide exhibits for website and other project information sites (up to 2 exhibits assumed).

b. PROPERTY OWNER MEETING SUPPORT

As this is a Road Bond Project, public involvement activities will be conducted through the County's existing public involvement contract with Rifeline. The engineer will provide support for the Public Involvement plans for the following activities:

- Prepare materials and provide support and exhibits for meetings with Individual Property Owners (up to 6 meetings assumed).
- Provide property owner exhibits identifying parent tract (including area) and right-of-way acquisition (including parcel acquisition and remainder areas).
- One person will attend meetings as requested (up to 4 meetings assumed).

c. STAKEHOLDER MEETINGS

- Coordinate with affected state and local agencies and County's consultants.
- Prepare agendas, sign in sheets, meeting minutes, discussion topics, presentations, overall exhibits, and maps of the project limits for stakeholder coordination meetings. (up to **1** meeting assumed).

d. DELIVERABLES:

- Input on fact sheets, FAQs, and exhibits for website.
- Property owner exhibits (native file, pdf, and hardcopies).
- Stakeholder meeting agendas, exhibits, and meeting minutes.

3. UTILITY COORDINATION SUPPORT

As this is a Road Bond Project, direct coordination with utilities will be conducted through the County's existing utility coordination contract with Cobb Fendley and Associates. The Engineer will provide support as described below:

a. INCORPORATE UTILITY INFORMATION INTO ENGINEERING DRAWINGS

- Incorporate utility information provided by others before issuing the signed and sealed plans into design files.
- Add utility notes to plans and exhibits as necessary.
- Consider/incorporate utility work into traffic control phasing plans as necessary.

b. UTILITY MEETINGS

- Meet with utility coordinator and review utility impacts and potential relocations to identify appropriate approach to reducing/mitigating impacts **up to 4 virtual meetings**.
- Attend meetings with utilities as requested **up to 5 virtual meetings**

c. DELIVERABLES:

- Utility information incorporated into plans and design files.
- Reviews of utility relocation plans.

4. PLAN PREPARATION

- a. Plans shall be prepared per **Wilco, TxDOT, and City of Coupland** criteria including applicable submittal requirements per PS&E Development Plan

Submittal Checklist including cost estimate, checklists, hardcopies, CAD files, comment responses, design waivers/exceptions, general notes, quantities, updated design schedule, construction time determination.

b. ROADWAY:

- Refine horizontal and vertical alignment of the roadway and cross streets, existing and proposed typical sections, cross sections created at appropriate increments and at cross drainage structures.
- Prepare project layout sheets that identify the project area and limits of work.
- Prepare Survey Data Sheets that clearly indicate benchmark locations and associated control information.
- Provide proposed ditches on Plan and Profile sheets.

c. DRAINAGE:

- Drainage Task Management (Kick off, Monthly meeting, project coordination, up to 18 meetings, 9 months)
- Hydrologic studies:
 1. Field verification of schematic design constraints
 2. Review/Evaluate/Finalize drainage area (offsite and onsite)
 3. Review/Evaluate/Finalize hydrologic analysis for 2 cross culverts.
 4. Hydrologic analysis for 0.89 miles parallel drainage system starting from SH 95.
 5. Evaluate pre and post project conditions.
- Hydraulic Analysis:
 1. Advance minor crossings hydraulic models with project survey and roadway design refinements (HY-8, 1 cross culvert).
 2. Advance major crossings hydraulic models with project survey and roadway design refinements (HEC-RAS, 1 cross culvert).

3. Hydraulic analysis for 0.89 miles parallel drainage system starting from SH 95.
 4. Evaluate pre and post project conditions.
- Design and detail, drainage outfalls, cross drainage structures, culverts, and scour counter measures.
 1. Refine drainage headwall and outfall structure
 - According to Chapter 6 – Drainage Program Expectations of the Williamson County 2023 Bond Program, a stormwater detention pond is not required if the project results in less than a 20% increase in impervious cover within the project limits and does not cause any adverse impacts downstream. Provide documentation along with supporting calculations justifying that the project is exempt from the on-site detention requirements stated in the Williamson County Design Criteria Manual.
 - Develop drainage report and exhibits to present the hydrologic and hydraulic results. Draft Drainage report will be submitted at 60% milestone, and comments will be addressed, and final drainage report will be submitted at 100% milestone.
- d. SIGNING, MARKINGS, & SIGNALIZATION:
- Prepare signing and marking layout per current version of Texas Manual of Uniform Traffic Control Devices (TMUTCD). Detail all non-standard signs or marking details as required for the project.
- e. TRAFFIC CONTROL:
- Prepare traffic control plan and sequence of construction narrative, phase layout sheets, and detour layout as needed to direct traffic around construction activities per Texas Manual of Uniform Traffic Control Devices (TMUTCD).
- f. WATER QUALITY:
- Prepare water quality temporary and permanent Best Management Practices (BMPs) to comply with Texas Commission on Environmental Quality (TCEQ) regulations.
 - Prepare Stormwater Pollution Prevention Plan (SWPPP) and EPIC Sheet.

g. DELIVERABLES:

- 30% “Over the Shoulder” Submittal – Schematic Drawings and OPCC only
- 60% PS&E Submittal: per 60% Plan Submittal Checklist
- 90% PS&E Submittal: per 90% Plan Submittal Checklist
- 100% PS&E Submittal; per 100%/Final Plan Submittal Checklist
- Final PS&E Submittal; see 100%/Final Plan Submittal Checklist
- Draft & Final Drainage Report and Drainage Models

5. RIGHT OF WAY & MAPPING

- a. The surveyor will prepare up to 20 Field Notes (Metes and Bounds Exhibits) and or drainage easement exhibits.

6. CONDEMNATION SUPPORT

a. CONDEMNATION HEARING EXHIBITS:

- Prepare preliminary and final condemnation hearing exhibits for up to five (5) ROW Parcels.
- Exhibits (each exhibit should include high-resolution aerial imagery) including the following information:
 1. A vicinity map with an overall project layout and limits (beginning and end)
 2. Existing and proposed typical road sections.
 3. Parent tract (including area)
 4. Right-of-way acquisition (including parcel acquisition and remainder areas),
 5. Proposed improvements adjacent to the property.

b. CONDEMNATION HEARING:

- Engineer will attend up to five (5) meetings with the attorney to prepare for the hearings.
- Engineer will attend up to 5 condemnation hearings in-person and testify as an expert witness on the Project (Assumed to be no more than 2 hours each).

c. DELIVERABLES:

- Preliminary and Final Condemnation Hearing Exhibits in pdf format (Up to five (5) exhibits)

7. SURVEYING

a. PROJECT LIMITS:

- The project limits are from CR 459 to SH 95 for approximately 1.2 miles.

b. PROJECT SCOPE:

- Surveyor shall provide Right-of-Way mapping services to be used for acquisition of up to 17 acquisition parcels and 3 easements along CR 458 from CR 459 to SH 95. Surveyor's Scope of Services is limited to those items outlined below.

c. RIGHT OF ENTRY (ROE):

- It is assumed that Williamson County will handle obtaining ROE for the affected properties. The Surveyor anticipates that Williamson County will facilitate the resolution of any refusals to grant ROE and/or communication with land owners who are hostile with respect to the completion of this scope of services. The Surveyor will document any interactions with land owners while performing the work. Gaining ROE from all land owners in a timely manner will be critical to the success and efficiency in meeting deadlines for this project.

d. RIGHT-OF-WAY (ROW) MAPPING:

- Research
 1. Surveyor shall perform records research and obtain sufficient ownership documents to prepare a working sketch (abstract map) of

adjoining properties along the project route. Map will be reconciled and refined into a preliminary right-of-way map for review

- Field Survey
 1. Surveyor will locate existing control (if available and provided) and reconcile any discrepancies found.
 2. Surveyor will locate boundary monuments sufficient to determine existing right-of-way lines and parcel boundaries.
- Parcel Acquisition Documents (up to 17 parcel and 3 easement documents assumed;):
 1. Surveyor shall prepare preliminary parcel descriptions with associated parcel plats for right-of-way parcel and easement acquisition. Surveyor will perform sufficient 2-dimensional location of substantial features found within 25 feet of the proposed right-of-way lines and note any improvements requiring removal/relocation.
 2. After receipt of title commitments, set appropriate monumentation (Up to 108 iron rods) in accordance with County requirements. Prepare signed and sealed documents for right of way parcel and easement acquisition.
- Deliverables:
 1. Survey CADD files
 2. Draft Parcel Acquisition Documents (pdf)
 3. Final Parcel Acquisition Documents (one original and pdf)
 4. ASCII point file of all points located/set during the course of the survey

e. DESIGN SURVEY:

- SAM shall conduct additional design survey along the proposed project corridor to supplement the existing dataset which currently covers existing ROW of CR 458. The additional design survey limits shall be from the existing

ROW on the north and south side of CR 458 to 50 feet beyond the existing ROW. SAM will obtain design survey data within the project limits at approximate 50' intervals and major grade breaks necessary to produce a one-foot interval contour DTM. This data will typically include as follows: edge of pavement/gutter & back of curb, crown (physical centerline), roadway striping, top and bottom of drainage ditches, sidewalk, fences, guardrails, signs (with text), mailboxes, retaining walls, paved areas, buildings, driveways (with type noted), driveway pipes, visible utilities and visible evidence of underground utilities only. Supplemental design survey will be merged and appended to the existing dataset to create a seamless deliverable.

- Deliverables:

1. Survey CADD files
2. ASCII point file of all points collected during the course of the survey.

f. ASSUMPTIONS:

- Vehicular and pedestrian access to the site is possible and granted. Williamson County will assist with Right of Entry to adjacent tracts if required.
- Proposed ROW lines will be provided by Williamson County.
- Williamson County or title company will furnish the current ownership information, title commitment, and Schedule B Exception Documents (if applicable).
- Survey data will be based on the Texas State Plane Coordinate System, NAD83 – Central Zone; Vertical data will be based on the North American Vertical Datum of 1988 (NAVD88), Geoid18, unless specified otherwise.
- All documents will be signed, sealed and prepared under the direction of a Registered Professional Land Surveyor licensed to practice in the state of Texas.
- Williamson County will handle obtaining ROE from land owners.

8. ENVIRONMENTAL SERVICES

- a. The following environmental services will be provided for the increased right-of-way:

b. COUNTY DUE DILIGENCE:

- The Environmental Services will include studies and documentation required, per the Williamson County Environmental Protocol, for the various regulating authorities, including the Texas Historical Commission (THC), U.S. Army Corp of Engineers (USACE), U.S. Fish and Wildlife Service (USFWS), Williamson County Conservation Foundation (WCCF), and TCEQ. The intention of the Environmental Services is to attain necessary clearance letters and approvals in order to proceed with the proposed project.

- c. Evaluate environmental constraints, permitting and right-of-way impacts for the various proposed widening alternatives.

d. DATA COLLECTION & FIELD RECONNAISSANCE:

- Obtain and update periodically publicly available information including but not limited to: locations of public buildings (schools, churches, parks), aerial photography, National Wetland Inventory maps, County Soil Survey maps, TCEQ & EPA Hazardous Materials Database information, FEMA floodplain information, vegetation information, environmental information from the appropriate local, state, or federal agencies, including for state and federally-listed species, Edwards Aquifer information.
- Conduct a regulatory records review to identify listed hazardous waste generators, treatment, storage and disposal facilities; solid waste landfills, unauthorized sites; documented spills; oil and gas exploration and production sites; and underground storage tank sites within the proposed site location. The review will also identify other environmental risks along the project corridor.
- Conduct field reconnaissance to visually inspect the project site for additional risks and field verify any environmental risks identified by the regulatory records review.

e. HAZARDOUS MATERIALS ENVIRONMENTAL SITE ASSESSMENT:

- Prepare a Hazardous Materials Environmental Site Assessment (ESA) based on the data collection and field reconnaissance conducted and identify potential hazardous material sites that may be impacted by the proposed project.

f. SECTION 404 CLEAN WATER ACT COMPLIANCE:

- Conduct a site visit that will determine if water resources are present. If no water resources are identified in the project area, document these findings in the water resources section of the due diligence report.
- If water resources are present, delineate wetland boundaries and ordinary high-water marks of jurisdictional waters within the project ROW. Prepare a Jurisdictional Waters Delineation Report identifying: specific impacts of the project on the Waters of the U.S., measures to minimize the impacts will be identified, and discuss applicable Section 404 options in accordance with current permits and conditions based on data collection and field reconnaissance. It is anticipated that this project will be covered under a Nationwide Permit (NWP 14) without a pre-construction notification (PCN).

If it is determined, after the Jurisdictional Waters Delineation Report, that a PCN is required; a supplemental work authorization would be required. The Jurisdictional Waters Delineation Report and NWP with PCN are subject to the U.S. Army Corps of Engineers Forth Worth District review and issuance of a permit.

g. ENDANGERED SPECIES ACT COMPLIANCE:

- Prepare a letter documenting the project's effects on federally listed Threatened & Endangered Species to document the project's compliance with the Endangered Species Act based on data collection and field reconnaissance.
- It is assumed no federally listed species or suitable habitat would be impacted by the project.

h. HISTORICAL SITE COMPLIANCE:

- Prepare a historic building survey that will follow the Secretary of the Interior's Standards and guidelines for Archeology and Historic Preservation and document historic buildings and structures within the Area of Potential Effect based on data collection and field reconnaissance.

i. TEXAS ANTIQUITIES CODE (TAC) COMPLIANCE:

- Prepare a Project Initiation Letter, Texas Antiquities Permit Application, and Associated Scope of Work based on data collection and field reconnaissance.

- Conduct a pedestrian survey and report of sufficient intensity to determine the nature, extent, and potential significance of any cultural resources located within the Area of Potential Effect in accordance with full report guidelines as outlined by the Texas Historical Commissions Rules of Practice and Procedures.
- Coordination with Texas Historical Commission including submittals to Texas Historical Commission and project records to the appropriate curation facility per Texas Historical Commission requirements.

j. **DELIVERABLES:**

- Draft & Final Environmental Due Diligence Report
- Draft & Final Regulatory Records Review
- Draft & Final Hazardous Materials Environmental Site Assessment (ESA) Report
- Draft & Final Wetlands Determination/Jurisdictional Waters Determination
- Draft & Final Endangered Species Letter
- Draft & Final Historic Building Survey
- Draft & Final Texas Antiquities Permit Application Associated Scope of Work and Report
- Provide Final Acceptance Correspondence of Approval of Permits

9. **PERMITS**

- a. Pay Application (To be reimbursed by the Client based on actual value)

10. **BIDDING PHASE SERVICES**

a. **BIDDING PHASE SERVICES:**

- Prepare all applicable construction documents for bidding including final signed and sealed plans with any joint bid utility plans incorporated; final general notes, specification list, special specifications and signed & sealed cover

for project construction manual. Final construction time determination which also includes any joint bid utilities.

- Attend the pre-bid meeting. Respond to bidder's questions during the bid period, such that answers to all questions will go to all bidders. Prepare project addenda during bid period. Analyze contractor bids, prepare bid tabulation, and make recommendation for award to the apparent low bidder.

b. DELIVERABLES:

- Signed and sealed final bid documents
- Addenda as necessary
- Bid analysis and recommendation for award

11. EXCLUSIONS

- a. Construction Phase Services
- b. Utility coordination and utility relocations design
- c. Revisions to Geotechnical Report (Completed)

 Primary Baseline
  Remaining Work
  Summary

 Actual Work
 Critical Remaining Work
 Milestone

		WILLIAMSON COUNTY - CR 458 ATTACHMENT C - WORK SCHEDULE						LAN																
Activity ID	Activity Name	Original Duration	Remaining Duration	Physical % Complete	Start	Finish	Total Float	3, 2025		Qtr 4, 2025			Qtr 1, 2026			Qtr 2, 2026			Qtr 3, 2026			Qtr 4, 2026		
								A	S	Oct	N	D	Jan	F	Mar	Apr	M	Jun	Jul	A	S	Oct	N	
	100% DESIGN	49	49		21-May-26	08-Jul-26	-1																	
	34 100% Design	34	34	0%	21-May-26	23-Jun-26	-1																	
	35 Internal QC Review	6	6	0%	18-Jun-26	23-Jun-26	-1																	
	36 Submit 100% Design	0	0	0%		23-Jun-26	-1																	
	37 GEC / County Review	15	15	0%	24-Jun-26	08-Jul-26	-1																	
	FINAL SIGNED & SEALED PLANS	2	2		09-Jul-26	10-Jul-26	-1																	
	38 Internal QC Review	2	2	0%	09-Jul-26*	10-Jul-26	-1																	
	39 Submit Final Signed & Sealed Design	0	0	0%		10-Jul-26	-1																	
	PERMITS	28	28		11-Jul-26	07-Aug-26	46																	
	40 TxDOT Driveway Permit	28	28	0%	11-Jul-26	07-Aug-26	46																	
	BIDDING PHASE SERVICES	75	75		11-Jul-26	23-Sep-26	-1																	
	41 Bid Phase Services	75	75	0%	11-Jul-26	23-Sep-26	-1																	

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Task Number	Project Name: CR 458	Total Task Hours	Total Task Cost	Senior Project Manager	Senior Engineer III	Project Manager	Engineer VI	Engineer III	EIT IV	Senior CAD Designer	CAD Designer	Admin
				\$ 292.75	\$ 261.94	\$ 215.71	\$ 190.03	\$ 148.94	\$ 128.40	\$ 184.90	\$ 123.26	\$ 112.99
01	Project Management and Setup											
1.a	Progress Reports, Invoices and Billings (9 Months)	42	\$ 7,929.98	4		24						14
1.b	QA/QC Plan & Internal QC Reviews	54	\$ 10,210.37	4		12				30		8
1.c	Project Coordination and Administration	54	\$ 10,621.25	4		30		20				
1.d	Progress/coordination Meetings (18 External, 2 in person and 16 Virtual & 9 Internal Meetings)	73	\$ 12,875.95	4		30		23				16
1.e	Project Schedule	13	\$ 2,881.30	1		12						
1.f	Uploading Project Docs/Files (9 months)	14	\$ 2,234.16			5			9			
	Subtotal	250	\$ 46,753.01	17	0	113	0	43	9	30	0	38
02	Public Involvement											
2.a	Public Involvement Support	9	\$ 1,915.73	1		4	4					
2.b	Provide Exhibit (2 Exhibits)	14	\$ 2,670.72			2	4			8		
2.c	Property Owner Meeting Support (Up to 4 meetings)	26	\$ 4,961.38	2		12	4		8			
2.d	Stakeholder Meeting (Up to 1 Meeting)	16	\$ 3,554.11	4		4	8					
2.e	Condemnation Support (Up to 5 Parcels, @ \$6K/Each)	-	\$ 30,000.00									
	Subtotal	65	\$ 43,101.94	7	0	22	20	0	8	8	0	0
03	Utility Meetings and Incorporate Utility Information into Drawings											
3.a	Incorporate Utility Info into Drawings	42	\$ 7,447.20			8			10	24		
3.b	Attend Meetings and Review Utility Impacts (up to 9 Virtual Meetings)	36	\$ 6,194.02			18			18			
	Subtotal	36	\$ 13,641.22	0	0	18	0	0	18	0	0	0
04	Plan Preparation											
4.a	Checklist Development & General Sheets	90	\$ 14,843.04	2		8			40	40		
4.b	30% "Over-The-Shoulder" Submittal											
	Final Schematic Review Comment Responses	45	\$ 7,647.50	1		4			16	24		
	Prepare Plan Set (~55 sheets)	249	\$ 41,745.41	8		16			100	125		
	Engineers Estimate	42	\$ 6,420.00	2		8			32			
	Project Construction Manual (Consultant Form, General Notes, Bid Form, etc.)	29	\$ 4,237.20	1		4			24			
	60% PS&E Submittal											
	30% Review Comment Responses	21	\$ 3,210.00	1		4			16			
	Develop Plans and Update Items based on Comments (~124 sheets)	415	\$ 67,384.32	1		14			175	225		
	90% PS&E Submittal											
	60% Review Comment Responses	21	\$ 3,210.00	1		4			16			
	Develop Plans and Update Items based on Comments (~156 sheets)	280	\$ 45,813.12	1		14			115	150		
	100% PS&E Submittal											
	90% Review Comment Responses	21	\$ 3,210.00	1		4			16			
	Update Items based on Comments	210	\$ 35,130.24	1		14			75	120		
	Final PS&E Submittal											
	100% Review Comment Responses	13	\$ 2,182.80	1		4			8			
	Update Items based on Comment Responses	106	\$ 18,104.40	1		14			36	55		
4.c	Refer to Section 4.c for Drainage											
4.d	Signing, Markings and Signalization	67	\$ 11,797.39	1		14			20	32		
4.e	Traffic Control	141	\$ 24,123.79	1		14			44	82		

4.f	Water Quality	79	\$ 14,016.14	1		14			20	44		
	Subtotal	1542	\$ 303,075.36	22	0	112	0	0	669	739	0	0
05	Permits											
5.a	Applying for Permits (Support for Environmental Sub)	12	\$ 2,023.58	2		2			4		4	
5.b	Pay Application (To be Reimbursed by the Client based on actual value)											
	Subtotal	12	\$ 2,023.58	2	0	2	0	0	4	0	4	0
06	Bidding Phase Services											
6.a	Prepare Construction Documents	37	\$ 6,168.34	1		4			16	16		
6.b	Attend Pre-Bid Meeting	6	\$ 1,273.73	2		2			2			
6.d	Bid Analysis & Recommendation	18	\$ 3,338.40	2		8			8			
	Subtotal	37	\$ 10,780.46	1	0	4	0	0	16	16	0	0
4.c	Drainage											
	Drainage Task Management	0	\$ -									
	Progress/Coordination meetings (up to 18 meetings)	36	\$ 7,200.00	9			18	9				
	Hydrologic Studies (1.12 miles)											
	Field Verification of Schematic Design Constraints	14	\$ 2,750.00	4			4	6				
	Review/Evaluate/Finalize Onsite/Offsite Drainage Area	28	\$ 4,880.00	2	2		8	16				
	Review/Evaluate/Finalize Hydrology (2 CCs)	20	\$ 3,620.00	4			4	12				
	Hydrologic Analysis (Parallel Drainage System -0.89 miles)	28	\$ 4,880.00	2	2		8	16				
	Evaluate Pre and Post Project Conditions	8	\$ 1,490.00	1	1		2	4				
	Hydraulic Analysis (2 CCs, 0.89 miles parallel drainage system)											
	Advance Minor Crossings Hydraulic Models with Project Survey (HY-8, 1 CC)	18	\$ 3,020.00	1	1		4	12				
	Advance Major Crossings Hydraulic models with Project Survey (HEC-RAS, 1 CC)	24	\$ 3,970.00	1	1		6	16				
	Hydraulic Analysis (Parallel Drainag System -0.89 miles)	58	\$ 9,830.00	4	2		16	36				
	Evaluate Pre and Post Project Conditions	6	\$ 1,200.00	1	1		2	2				
	Drainage Outfalls Design and Detail											
	Refine Drainage Headwall and Outfall Structure (2 CCs)	6	\$ 1,050.00	1			1	4				
	On-site Stormwater Detention Analysis	32	\$ 5,960.00	4	4		8	16				
	Drainage Report (Draft at 60% milestone & Final at 100% milestone)	56	\$ 9,760.00	4	4		16	32				
	PS&E Development for Hydraulics											
	30% "Over the Shoulder" Submittal – Drawings only	30	\$ 5,450.00	4	2		8	16				
	60% Submittal											
	Overall Drainage Area Map (1 Sheet)	26	\$ 4,370.00	2			8	16				
	Hydrologic Data Sheets (1 Sheets)	22	\$ 3,630.00	2			4	16				
	Cross Culvert P&Ps (2 Sheets)	38	\$ 6,610.00	4	2		8	24				
	Cross Culvert Hydraulic Data Sheets (2 Sheets)	26	\$ 4,370.00	2			8	16				
	Parallel Drainage Hydraulic Data Sheets (1 sheet)	13	\$ 2,185.00	1			4	8				
	Drainage Quantities (1 Sheet)	15	\$ 2,395.00	1			2	12				
	Associated Drainage Details (Headwall, SET, Trench) (4 Sheets)	26	\$ 4,370.00	2			8	16				
	90% Submittal			1			4	4				
	Prepare 60% response to comments	26	\$ 4,370.00	2			8	16				
	Overall Drainage Area Map (1 Sheet)	7	\$ 1,235.00	1			2	4				
	Hydrologic Data Sheets (1 Sheets)	7	\$ 1,235.00	1			2	4				
	Cross Culvert P&Ps (2 Sheets)	26	\$ 4,180.00	1	1		4	20				
	Cross Culvert Hydraulic Data Sheets (2 Sheets)	16	\$ 2,580.00	1			3	12				
	Parallel Drainage Hydraulic Data Sheets (1 sheet)	4	\$ 760.00	1			1	2				
	Drainage Quantities (1 Sheet)	4	\$ 760.00	1			1	2				

	Associated Drainage Details (Headwall, SET, Trench) (4 Sheets)	11	\$ 1,815.00	1			2	8				
	100% Submittal											
	Prepare 90% response to comments	18	\$ 3,050.00	2			4	12				
	Overall Drainage Area Map (1 Sheet)	3	\$ 475.00				1	2				
	Hydrologic Data Sheets (1 Sheets)	3	\$ 615.00	1			1	1				
	Cross Culvert P&Ps (2 Sheets)	11	\$ 1,815.00	1			2	8				
	Cross Culvert Hydraulic Data Sheets (2 Sheets)	7	\$ 1,235.00	1			2	4				
	Parallel Drainage Hydraulic Data Sheets (1 sheet)	2	\$ 330.00				1	1				
	Drainage Quantities (1 Sheet)	2	\$ 330.00				1	1				
	Associated Drainage Details (Headwall, SET, Trench) (4 Sheets)	3	\$ 475.00				1	2				
	Final Submittal											
	Prepare 100% response to comments	14	\$ 2,470.00	2			4	8				
	Overall Drainage Area Map (1 Sheet)	3	\$ 615.00	1			1	1				
	Hydrologic Data Sheets (1 Sheets)	3	\$ 615.00	1			1	1				
	Cross Culvert P&Ps (2 Sheets)	7	\$ 1,335.00	2			1	4				
	Cross Culvert Hydraulic Data Sheets (2 Sheets)	3	\$ 615.00	1			1	1				
	Parallel Drainage Hydraulic Data Sheets (1 sheet)	3	\$ 615.00	1			1	1				
	Drainage Quantities (1 Sheet)	3	\$ 615.00	1			1	1				
	Associated Drainage Details (Headwall, SET, Trench) (4 Sheets)	3	\$ 615.00	1			1	1				
	Subtotal	728	\$ 125,745.00	81	23	0	198	426	0	0	0	0
	Other Services by Subconsultants											
1	Survey (SAM Inc.)	-	\$ 140,272.59									
2	Environmental (SWCA & LAN)	-	\$ 27,194.50									
	Subtotal		\$ 167,467.09									
11	Expenses											
11.a	Mileage (\$0.67/mile)	-	\$ 500.00									
11.b	Printing/Supplies	-	\$ 250.00									
	Subtotal		\$ 750.00									
	Total Fee		\$ 713,337.66									

ATTACHMENT D: ESTIMATED FEE SUMMARY
WILLIAMSON COUNTY
CR 458 (CO1)

SWCA

Task	Subject Matter	Subject Matter	Subject Matter	Subject Matter	Specialist XII	Specialist XI	Specialist X	Specialist IX	Specialist VIII	Specialist VII	Specialist VI	Specialist V	Specialist IV	Specialist III	Specialist II	Specialist I	Total Hours	Total Labor
Rates	\$293.00	\$268.00	\$242.00	\$230.00	\$226.00	\$207.00	\$189.00	\$169.00	\$158.00	\$147.00	\$137.00	\$123.00	\$114.00	\$104.00	\$91.00	\$77.00		
7. Environmental Services																	107	\$ 26,853.00
a. County Due Diligence																	0	\$ -
b. TxDOT Environmental Clearance																	0	\$ -
c. Data Collection & Field Reconnaissance																	0	\$ -
d. Hazardous Materials Initial Site Assessment																	0	\$ -
e. Section 404 Clean Water Act Compliance				1					12			8		4			25	\$ 3,526.00
f. Endangered Species Act Compliance																	0	\$ -
g. Historical Site Compliance			1					1			8		1				11	\$ 1,621.00
h. Texas Antiquities Code (TAC) Compliance			1					8		2	12	16	24	8			71	\$ 9,068.00
i. LAN Coordination																	0	\$ 12,638.00
Total SWCA Direct Labor Hours	0	0	2	1	0	0	0	9	12	2	20	24	25	12	0	0	107	
Percent of Total Hours	0%	0%	2%	1%	0%	0%	0%	8%	11%	2%	19%	22%	23%	11%	0%	0%		
Total SWCA Direct Labor Cost																		\$ 26,853.00
Total SWCA Other Direct Expenses																		\$ 341.50
TOTAL SWCA COST																		\$ 27,194.50

FEE SCHEDULE (SAM, LLC) -
TIME AND MATERIALS PAYMENT BASIS
ROW PARCEL SURVEY

Project: CR 458
Client: LAN
Date: August 1, 2025
Proposal Number: 1024086841

Rate adjusted +2.72%

TASK DESCRIPTION	SENIOR PROJECT MANAGER	PROJECT MANAGER	PROJECT COORDINATOR	SENIOR SURVEY TECHNICIAN	SURVEY TECHNICIAN	2-PERSON SURVEY CREW	3-PERSON SURVEY CREW	FIELD COORDINATOR	TOTAL LABOR HRS. & COSTS
Design Survey									
Recover Existing Control	1	2		2	6	10		1	\$3,738.97
Records Research and Deed Study	1	6		15	45				\$9,147.03
Field Surveys	1	6		11	33	133		9	\$33,681.51
Boundary Analysis	1	22		18	12				\$8,864.74
Prepare Preliminary ROW Documents (Up to 17 parcels/3 easements)	1	18		60	212				\$38,498.56
Prepare Final ROW Documents (Up to 17 parcels/3 easements, includes review of title commitment)	1	9		20	30				\$8,623.22
Establish ROW Monumentation (Up to 68 iron rods)	1	2		6	8	70		5	\$16,517.21
Additional Topographic Survey	1	8		24	15	50		3	\$17,051.35
Supplemental Design Survey Sub Total	8	73	0	156	361	263	0	18	\$136,122.59
CONTRACT RATE PER HOUR*	\$2,054.40	\$15,372.34	\$0.00	\$21,632.52	\$44,496.86	\$49,977.89	\$0.00	\$2,588.58	
	\$256.80	\$210.58	\$154.08	\$138.67	\$123.26	\$190.03	\$267.07	\$143.81	
OTHER DIRECT EXPENSES	# OF UNITS	COST/UNIT							
Mileage (number x current state rate)	2600	\$0.700		mile					\$1,820.00
GPS RTK	233	\$10.00		hr					\$2,330.00
SUBTOTAL DIRECT EXPENSES									\$4,150.00
SUMMARY									
Design Survey Sub-Total		\$136,122.59							
NON-SALARY (OTHER DIRECT EXPENSES)		\$4,150.00							
TOTAL SAM SURVEY		\$140,272.59							